SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Mango Mentality

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 3
MM07232025	Various	Plant	
Reported:	Started:	Received:	
14Aug2025	11Aug2025	11Aug2025	

Microbial Contaminants

Test ID: T000309892
Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	$1.0x10^3$ - $1.5x10^5$	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Brett Hudson
14Aug2025
01:54:00 PM MDT
PREPARED BY / DATE

Aimee Lowe
14Aug2025
03:27:00 PM MDT
APPROVED BY / DATE

Heavy Metals

Test ID: T000309893
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	Notes
Arsenic	0.05 - 4.80	ND	
Cadmium	0.04 - 4.48	ND	
Mercury	0.05 - 4.58	ND	
Lead	0.04 - 4.48	ND	

Final Approval

Judith Marquez
15Aug2025
02:08:00 PM MDT
PREPARED BY / DATE

Sam Smith
15Aug2025
02:19:00 PM MDT
APPROVED BY / DATE

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Pesticides

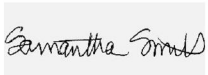
Test ID: T000309891
Methods: TM16

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	343 - 2259	ND	Malathion	349 - 2877	ND
Acephate	106 - 2665	ND	Metalaxyl	362 - 2843	ND
Acetamiprid	49 - 2616	ND	Methiocarb	61 - 2601	ND
Azoxystrobin	51 - 2806	ND	Methomyl	54 - 2643	ND
Bifenazate	358 - 2848	ND	MGK 264 1	102 - 1658	ND
Boscalid	355 - 2664	ND	MGK 264 2	135 - 1042	ND
Carbaryl	51 - 2769	ND	Myclobutanil	56 - 2624	ND
Carbofuran	54 - 2748	ND	Naled	374 - 2727	ND
Chlorantraniliprole	343 - 2592	ND	Oxamyl	50 - 2623	ND
Chlorpyrifos	353 - 2678	ND	Paclobutrazol	57 - 2742	ND
Clofentezine	370 - 2769	ND	Permethrin	335 - 2690	ND
Diazinon	444 - 2764	ND	Phosmet	369 - 3044	ND
Dichlorvos	341 - 2642	ND	Prophos	316 - 2666	ND
Dimethoate	56 - 2602	ND	Propoxur	53 - 2744	ND
E-Fenpyroximate	313 - 2650	ND	Pyridaben	50 - 2621	ND
Etofenprox	51 - 2629	ND	Spinosad A	40 - 2026	ND
Etoxazole	52 - 2613	ND	Spinosad D	14 - 687	ND
Fenoxycarb	367 - 2865	ND	Spiromesifen	21 - 2672	ND
Fipronil	350 - 2772	ND	Spirotetramat	348 - 2844	ND
Flonicamid	57 - 2661	ND	Spiroxamine 1	24 - 1160	ND
Fludioxonil	361 - 2616	ND	Spiroxamine 2	30 - 1412	ND
Hexythiazox	339 - 2629	ND	Tebuconazole	337 - 2836	ND
Imazalil	51 - 2832	ND	Thiacloprid	53 - 2664	ND
Imidacloprid	58 - 2629	ND	Thiamethoxam	56 - 2684	ND
Kresoxim-methyl	354 - 2830	ND	Trifloxystrobin	55 - 2730	ND

Final Approval



Judith Marquez
20Aug2025
09:32:00 PM MDT
PREPARED BY / DATE



Sam Smith
20Aug2025
09:29:00 PM MDT
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

Mango Mentality

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 3 of 3
MM07232025	Various	Plant	
Reported:	Started:	Received:	
14Aug2025	11Aug2025	11Aug2025	

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details.

Cert #4329.02

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CERTIFICATE OF ANALYSIS

Mango Mentality

Batch ID or Lot Number:	Test:	Reported:	USDA License:
MM07232025	**Dry Weight Potency**	**25Aug2025**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000310395	21Aug2025	NA
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	19Aug2025	NA

Cannabinoids

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.017	0.065	ND	ND	
Cannabichromenic Acid (CBCA)	0.016	0.059	0.157	0.145 - 0.169	
Cannabidiol (CBD)	0.058	0.157	ND	ND	
Cannabidiolic Acid (CBDA)	0.059	0.161	ND	ND	
Cannabidivarin (CBDV)	0.014	0.037	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.025	0.067	ND	ND	
Cannabigerol (CBG)	0.010	0.037	ND	ND	
Cannabigerolic Acid (CBGA)	0.041	0.153	0.557	0.514 - 0.600	
Cannabinol (CBN)	0.013	0.048	ND	ND	
Cannabinolic Acid (CBNA)	0.028	0.104	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.049	0.182	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.044	0.166	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.039	0.147	28.726	26.969 - 30.483	
Tetrahydrocannabivarin (THCV)	0.009	0.033	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.035	0.129	ND	ND	
Total Cannabinoids			**29.440**	**27.610 - 31.270**	
Total Potential THC			25.931	24.390 - 27.471	

Final Approval



Judith Marquez
25Aug2025
02:54:00 PM MDT

PREPARED BY / DATE



Sam Smith
25Aug2025
03:00:00 PM MDT

APPROVED BY / DATE

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty.

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